

---

**From:** Carvalho, Gabriela  
**To:** allison.castellan@noaa.gov; Wu, Jennifer  
**CC:** Liu, Linda; HENNING Alan  
**Sent:** 8/19/2014 12:36:41 PM  
**Subject:** RE: Issues paper for review and quick talk tomorrow  
**Attachments:** Pesticides Issue Paper 8 18 14\_ac\_GC.docx

I agree this looks good. A few more edits and comments added to Allison's version.

Gabriela Carvalho  
Pesticides and Toxics Unit  
U.S. EPA, Region 10  
1200 Sixth Avenue, Suite 900, OCE-084  
Seattle, WA 98101  
phone (206) 553-6698  
Carvalho.Gabriela@epa.gov

**From:** Allison Castellan - NOAA Federal [mailto:allison.castellan@noaa.gov]  
**Sent:** Tuesday, August 19, 2014 6:43 AM  
**To:** Wu, Jennifer  
**Cc:** Carvalho, Gabriela; Liu, Linda; HENNING Alan  
**Subject:** Re: Issues paper for review and quick talk tomorrow

Hi Jenny--

I think this looks really good. Just a few small comments attached.

Allison

On Mon, Aug 18, 2014 at 8:07 PM, Wu, Jennifer <Wu.Jennifer@epa.gov> wrote:

Hi Everyone – I'll be glad when this is over, BUT I am learning a lot of really interesting, great information. Attached, I've compiled the issues paper that I'm sending first to all of you but will also send out separately to the rest of the team. This is of course because our briefing is on Wednesday for the managers.

I'm also sending this separately to all of you because Alan and I wanted to run by some research Alan did (on a Saturday!) on one of the comments we received on herbicides applied and issues with the State not having sufficient policies in place to protect Type N streams. (See #6 on page 2.) This is what he and I were hoping to talk with you all about. Allison and Alan, any chance you're free 9:30-10AM PST/12:30-1pm EST before our other CZARA call? Otherwise, 1-2pm PST/4-5pm EST?

I'm sorry for the short review time on all these documents, but I welcome all of your comments on this issues paper, particularly something that's plain wrong.

**From:** Carvalho, Gabriela  
**Sent:** Monday, August 18, 2014 3:29 PM  
**To:** Wu, Jennifer  
**Cc:** Liu, Linda  
**Subject:** RE: Pesticide rationale v2 for your review

Other than a call from 11-12:30, my schedule is open tomorrow. I'd be happy to talk.

Gabriela Carvalho  
Pesticides and Toxics Unit  
U.S. EPA, Region 10  
1200 Sixth Avenue, Suite 900, OCE-084

Seattle, WA 98101  
phone (206) 553-6698  
[Carvalho.Gabriela@epa.gov](mailto:Carvalho.Gabriela@epa.gov)

**From:** Wu, Jennifer  
**Sent:** Monday, August 18, 2014 3:21 PM  
**To:** Carvalho, Gabriela  
**Cc:** Liu, Linda  
**Subject:** RE: Pesticide rationale v2 for your review

Thanks, Gabriela and Linda! I've been in a lot of calls today, so am going to try to put together the issues paper while I have a couple of hours. However, Alan found out more information that would be good to talk about related to FIFRA labels and public notification requirements. We were interested in talking about that with both of you if you're free tomorrow. It would be nice to run a couple of things by you before the manager's meeting.

I wrote back to Allison that I didn't think we really had a basis for approval because we didn't get any new information in the comments that changes the original condition. I get what your comments are and we'll see if the issue paper with the different comments captures where people are at.

**From:** Carvalho, Gabriela  
**Sent:** Monday, August 18, 2014 2:19 PM  
**To:** Wu, Jennifer  
**Cc:** Liu, Linda  
**Subject:** RE: Pesticide rationale v2 for your review

Hi Jennifer,

Attached are some comments and edits from Linda and me. They are incorporated into Allison's version.

There are a couple of issues that seem to be unresolved for us in this document:

1. The management measure is worded (In the Purpose of the Management Measure section) to state that water quality is impaired; however, we haven't supported that assertion in the text.
2. Any recommendations/findings associated with protecting public health from spray drift seem out of place if the driver of our original findings was the protection of downstream fish.

Please give me a call if you want to talk this through. Also, please let me know if you need any help merging word documents. I imagine you're getting quite a few versions to reconcile.

Gabriela Carvalho  
Pesticides and Toxics Unit  
U.S. EPA, Region 10  
1200 Sixth Avenue, Suite 900, OCE-084  
Seattle, WA 98101  
phone (206) 553-6698  
[Carvalho.Gabriela@epa.gov](mailto:Carvalho.Gabriela@epa.gov)

**From:** Wu, Jennifer  
**Sent:** Thursday, August 14, 2014 11:22 PM  
**To:** Henning, Alan; Helder, Dirk; Peterson, Erik; Woodruff, Leigh; Liu, Linda; Carvalho, Gabriela;  
[allison.castellan@noaa.gov](mailto:allison.castellan@noaa.gov)  
**Cc:** Carlin, Jayne; Wayne, Don  
**Subject:** Pesticide rationale v2 for your review

Thanks all for great suggestions, edits and reorganization. Here's the second version of the rationale.

Again, this is the key document, so I appreciate all the careful review.

I talked with most of you individually, so things have been evolving with each conversation. Please look at the conditions for approval as I added a couple since I last talked with people in the afternoon. Here's an update on where we're at:

We're down essentially to two options to present to management:

# Ex. 5 - Deliberative

A reminder that the briefing for management on pesticides is Wednesday, August 20 from 12-2pm PST/1-3pm Mountain. I'm updating the issues paper for management based on this rationale document. Please let me know if you're interested in coming and I'll forward the meeting and agenda to you. You only need to come for the pesticides piece.

- Jenny

--

~ ~ < > ~ ~ > < ~ ~ < > ~ ~

Allison Castellan  
Coastal Management Specialist

Office of Ocean and Coastal Resource Management N/ORM3  
National Oceanic and Atmospheric Administration, SSMC4  
Silver Spring, MD 20910  
Phone: 301-563-1125  
Fax: 301-713-4004  
[allison.castellan@noaa.gov](mailto:allison.castellan@noaa.gov)  
<http://coastalmanagement.noaa.gov>